

wherein R_1 is NH_2 , an amino acid, or a peptide with up to 1000 amino acids, and R_2 is
COOH, $CONH_2$, an amino acid, or a peptide with up to 1000 amino acids.

REMARKS

Claims 41-60 are pending.

The specification and claims (claim 45) are amended hereby in order to insert adjacent to sequences, therein, the corresponding sequence identifier found in the Sequence Listing.

The Notice to Comply mistakenly indicates that the sequences recited in claim 45 are not found in the paper copy of the Sequence Listing. On the contrary, the sequences recited in claim 45 correspond to SEQ. ID. NOS: 30-41 in the paper copy of the Sequence Listing.

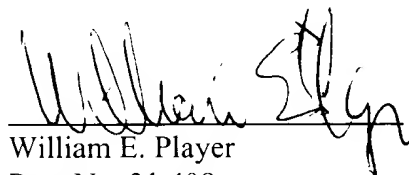
As such, Applicants need not provide the items indicated on the Notice to Comply, i.e., Applicants need not provide a substitute CRF, a substitute paper copy of the Sequence Listing, or a statement required under 37 CFR 1.821.

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Serial No. 09/582,328

Favorable action is requested.

Respectfully submitted,

JACOBSON-HOLMAN PLLC

A handwritten signature in black ink, appearing to read "William E. Player", is written over a horizontal line.

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WEP/rdt
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Marked up Version of Amendments

IN THE SPECIFICATION

Replace paragraph that bridges pages 3 and 4 of specification with:

-- R₁-C-HEFQAFMKNGLF-C-PQDKKFFQSLDGIMFINK-C-AT-C-R₂ (SEQ ID NO: 30)
R₁-C-DDFKKGERDGDFI-C-PDYVEAVCGTDGKTYDNR-C-AL-C-R₂ (SEQ ID NO: 31)
R₁-C-SAFRPFVRNGRLG-C-TRENDPVLGPDGKTHGNK-C-AM-C-R₂ (SEQ ID NO: 32)
R₁-C-KEYEKQVRNGRLF-C-TRESDPVRGPDGRMHGNK-C-AL-C-R₂ (SEQ ID NO: 33)
R₁-C-SQYQNQAKNGILF-C-TRENDPIRGPDGKMHGNT-C-SM-C-R₂ (SEQ ID NO: 34)
R₁-C-NEYRKLVRNGKLA-C-TRENDPIQGPDGKVHGNT-C-SM-C-R₂ (SEQ ID NO: 35)
R₁-C-SEYRKSRLNGRLF-C-TRENDPIQGPDGKMHGNT-C-SM-C-R₂ (SEQ ID NO: 36)
R₁-C-SEFRDQVRNGTLI-C-TREHNPVRGPDGKMHGNK-C-AM-C-R₂ (SEQ ID NO: 37)
R₁-C-SEYRHYVRNGRLP-C-TRENDPIEGLDGKIHGNT-C-SM-C-R₂ (SEQ ID NO: 38)
R₁-C-DEFRRLLQNGKLF-C-TRENDPVRGPDGKTHGNK-C-AM-C-R₂ (SEQ ID NO: 39)
R₁-C-AEYREQMKNGRSL-C-TRESDPVRDADGKSYNNQ-C-TM-C-R₂ (SEQ ID NO: 40)
R₁-C-DEFRSQMKNGLI-C-TRESDPVRGPDGKTHGNK-C-TM-C-R₂ (SEQ ID NO: 41), --

IN THE CLAIMS

Rewrite the following claim.

45 (amended). The serine protease inhibitor according to claim 41, having one of the following formulas:

- R₁-C-HEFQAFMKNGKLF-C-PQDKKFFQSLDGIMFINK-C-AT-C-R₂ (SEQ ID NO: 30)
- R₁-C-DDFKKGERDGDFI-C-PDYVEAVCGTDGKTYDNR-C-AL-C-R₂ (SEQ ID NO: 31)
- R₁-C-SAFRPFVRNGRLG-C-TRENDPVLGPDGKTHGNK-C-AM-C-R₂ (SEQ ID NO: 32)
- R₁-C-KEYEKQVRNGRLF-C-TRESDPVRGPDGRMHGNK-C-AL-C-R₂ (SEQ ID NO: 33)
- R₁-C-SQYQNQAKNGILF-C-TRENDPIRGPDGKMHGNT-C-SM-C-R₂ (SEQ ID NO: 34)
- R₁-C-NEYRKLVRNGKLA-C-TRENDPIQGPDGKVHGNT-C-SM-C-R₂ (SEQ ID NO: 35)
- R₁-C-SEYRKSRLNGRLF-C-TRENDPIQGPDGKMHGNT-C-SM-C-R₂ (SEQ ID NO: 36)
- R₁-C-SEFRDQVRNGTLI-C-TREHNPVRGPDGKMHGNK-C-AM-C-R₂ (SEQ ID NO: 37)
- R₁-C-SEYRHYVRNGRLP-C-TRENDPIEGLDGKIHGNT-C-SM-C-R₂ (SEQ ID NO: 38)
- R₁-C-DEFRRLLQNGKLF-C-TRENDPVRGPDGKTHGNK-C-AM-C-R₂ (SEQ ID NO: 39)
- R₁-C-AEYREQMKNGRLS-C-TRESDPVRDADGKSYNNQ-C-TM-C-R₂ (SEQ ID NO: 40)
- R₁-C-DEFRSQMKNGLI-C-TRESDPVRGPDGKTHGNK-C-TM-C-R₂ (SEQ ID NO: 41),

wherein R₁ is NH₂, an amino acid, or a peptide with up to 1000 amino acids, and R₂ is COOH, CONH₂, an amino acid, or a peptide with up to 1000 amino acids.